

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,031,012 B1
APPLICATION NO. : 09/675147
DATED : April 18, 2006
INVENTOR(S) : Yoji Serizawa

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 8:

Line 56, "controll" should read --control--.

Column 12:

Line 2, "areas" should read --areas,--.

Line 42, "said a" should read --said--.

Line 44, "unit" should read --unit,--.

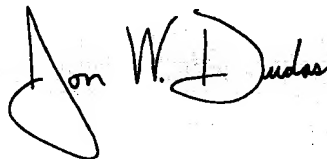
Column 13:

Line 55, "said a" should read --said--.

Line 56, "a initial" should read --an initial--.

Signed and Sealed this

Fifteenth Day of May, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS
Director of the United States Patent and Trademark Office